

Application No.: 10/533,303

Docket No.: SAE-0033



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of:
Hisanori Itoh et al.

Application No.: 10/533,303

Confirmation No.: N/A

Filed: April 29, 2005

Art Unit: N/A

For: PLATINUM COMPLEXES

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Submitted herewith on Form PTO-1449 or PTO/SB/08 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR 1.56. Applicant respectfully requests that the listed documents be considered by the Examiner and formally be made of record in the present application and that an initialed copy of Form PTO-1449 or PTO/SB/08 be returned in accordance with MPEP §609.

- ☒ A copy of each listed document is being submitted to comply with the provisions of 37 CFR §§1.97 and 1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

Concise Explanation of Relevancy of the Document

(Fill out if no English translation, partial translation or English abstract is available)

- ☒ Any document having neither English translation nor English abstract relates to the subject matter of the above-identified application. English translation of the document is not readily available; however, the absence of such translations does not relieve the PTO from its duty to consider the submitted document (37 C.F.R. §1.98 and MPEP §609).

- ☒ 1. This Information Disclosure Statement is being filed within three months of the U.S. filing date or within three months from the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in compliance with 37 C.F.R. §1.97(b), OR is being filed concurrent with filing of the Continued Prosecution Application (CPA) or the Request for Continued Examination (RCE). No fee is required (37 C.F.R. §1.97(b)).
- ☒ 2. Please charge any fee deficiency or credit any overpayment to Deposit Account No. 18-0013 as needed to ensure consideration of the disclosed information.

Dated: June 23, 2005

Respectfully submitted,

By 

Lee Cheng

Registration No.: 40,949

RADER, FISHMAN & GRAUER PLLC

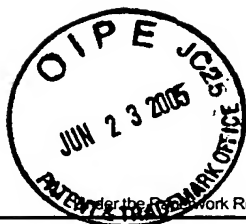
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PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/533,303
				Filing Date	April 29, 2005
				First Named Inventor	Hisanori Itoh
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	SAE-0033

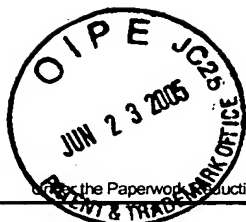
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-6,303,238-B1	10-16-2001	Thompson et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	BA	JP-2001-085166-A	03-30-2001	NEC Corp.		
	BB	JP-2002-363552-A	12-18-2002	University of Hong Kong		
	BC	WO-2004/039781-A1	05-13-2004	Takasago International Corporation		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	International Search Report for PCT/JP03/13317 mailed on January 27, 2004	
	CB	English translation of International Search Report for PCT/JP03/13317 mailed on January 27, 2004	
	CC	D.A. Bardwell et al, "A Study of Crystal Packing in a Series of Closely Related Square-Planar Palladium (II) and Platinum (II) Complexes", Polyhedron, 1994, Vol. 13, No. 15/16, pages 2291-2300	
	CD	J. H. K. Yip et al., "Syntheses and Electronic Spectroscopy of [PtL(L')][ClO ₄] Complexes (HL=6-Phenyl-2,2'-bipyridine; L'=Pyridine, 4-Aminopyridine, 2-Aminopyridine, and 2,6-Diamonopyridine)", Inorganic Chemistry, 2000, Vol. 39, No. 16, pages 3537-3543	
	CE	C. Chan et al., "Covalently Linked Donor-Acceptor Cyclometallated Platinum(II) Complexes. Structure and Luminescent Properties", Journal of the American Chemical Society, 1993, Vol. 115, No. 24, pages 11245-11253	
	CF	T. Cheung et al., "Photoluminescent Cyclometallated Diplatinum(II,II) Complexes: Photophysical Properties and Crystal Structures of [PtL(PPh ₃)]ClO ₄ and [Pt ₂ L ₂ (μ-dppm)][ClO ₄] ₂ (HL=6-phenyl-2,2'-bipyridine, dppm=Ph ₂ PCH ₂ PPh ₂)", Journal of Chemical Society, Dalton Transactions: Inorganic Chemistry, 1996, No. 8, pages 1645-1651	
	CG	T. W. Greene et al., "Protective Groups in Organic Synthesis", Second Edition, John Wiley & Sons, Inc., pages 309-315	
	CH	M. A. Baldo et al., "Very High-efficiency Green Organic Light-emitting Devices Based on Electrophosphorescence", Applied Physics Letters, 1999, Vol. 75, No. 1, pages 4-6	
	CI	E. C. Constable et al., "Cyclometallation Reactions of 6-Phenyl-2,2'-bipyridine; a Potential C,N,N-Donor Analogue of 2,2':6',2'-Terpyridine. Crystal and Molecular Structure of Dichlorobis(6-phenyl-2,2'-bipyridine)ruthenium(II)", Journal of the Chemical Society, Dalton Transactions, 1990, pages 443-449	

Examiner Signature		Date Considered	
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Sheet	2	of	2	Attorney Docket Number	SAE-0033

	CJ	Y. Jahng et al., "Synthesis and Properties of 3,2'-polymethylene-6-(2'-pyridyl)-2-phenylpyridines and their Cycloplatinated Complexes", Inorganica Chimica Acta, 1998, Vol. 267, pages 265-270	
	CK	D. J. Cárdenas et al., "Divergent Behavior of Palladium(II) and Platinum(II) in the Metalation of 1,3-Di(2-pyridyl)benzene", Organometallics, 1999, Vol. 18, pages 3337-3341	
	CL	"Organometallic Complex (Yukikinzokusakutai)", Jikken Kagaku Koza, 4th Edition, Vol. 18, page 413 (with English translation)	√
	CM	T. Kauffmann et al., "Nucleophile Alkylierung und Arylierung des 2,2'-Bipyridyls", Chem. Ber., 1976, Vol. 109, pages 3864-3868	
	CN	C. O. Dietrich-Buchecker et al., "Direct Synthesis of Disubstituted Aromatic Polyimine Chelates", Tetrahedron Letters, 1982, Vol. 23, No. 50, pages 5291-5294	
	CO	C. Che et al., "PEG-Linked Luminescent Platinum(II) Complex as Aqueous Polymeric Molecular Light Switch for Protein Binding Reactions", Chemistry Communication, 2002, pages 2556-2557	
	CP	M. A. Baldo et al., "Highly Efficient Phosphorescent Emission from Organic Electroluminescent Devices", Nature, 1998, Vol. 395, pages 151-154	
	CQ	S. Lai et al., "Probing d ^s -d ⁸ Interactions in Luminescent Mono- and Binuclear Cyclometalated Platinum(II) Complexes of 6-Phenyl-2,2'-bipyridines", Inorganic Chemistry, 1999, Vol. 38, No. 18, pages 4046-4055	
	CR	V. Balzani et al., "On the Orbital Nature of the Luminescent Excited State of Orthometalated Transition Metal Complexes", Photochemistry and Photophysics of Coordination Compounds, 1987, pages 71-77	
	CS	C. A. Craig et al., "Synthesis and Photophysical Studies of Ortho-metalated Pd(II) Complexes including Two Novel Pd(II)/Rh(III) Dimers", Photochemistry and Photophysics of Coordination Compounds, 1987, pages 135-146	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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